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(FILE 'HOME' ENTERED AT 17:43:10 ON 14 OCT 2004)

FILE 'MEDLINE' ENTERED AT 17:43:35 ON 14 OCT 2004

L1 948 S DARK FIELD OR DARK-FIELD  
L2 1655 S (CELL OR CELLULAR) (10A)BRIGHT?  
L3 5 S L1 AND L2  
L4 66 S L2 (10A)(EDGE OR PERIPH?)  
L5 0 S L1 AND L4  
L6 42 S L1 AND (EDGE OR PERIPH?)  
L7 42 S L6 NOT L3  
L8 36 S L7 AND PY<2001  
L9 28082 S (CELL OR CELLULAR) (10A)(VIABILITY OR VIABLE OR VITALITY)  
L10 2 S L9 AND L1  
L11 1 S BIOMASS AND L1

FILE 'STNGUIDE' ENTERED AT 18:05:45 ON 14 OCT 2004

FILE 'MEDLINE' ENTERED AT 18:08:08 ON 14 OCT 2004

L12 490290 S CELL(3A)CULTUR?  
L13 30 S L1 AND L12  
L14 27 S L13 AND PY<2001  
L15 1 S DEAD AND L1  
L16 1 S L1 AND ALIVE

FILE 'CAPLUS' ENTERED AT 18:12:16 ON 14 OCT 2004

L17 3553 S DARK FIELD OR DARK-FIELD  
L18 1 S L17 AND BIOMASS  
L19 1 S L17 AND BIOREACTOR  
L20 49 S L17 AND CULTUR?  
L21 46 S L20 AND PY<2001  
L22 374 S L17 AND BOUNDARY  
L23 34 S L22 AND (CELL OR CELLULAR)  
L24 30 S L23 AND PY<2001  
L25 29 S L24 NOT L21  
L26 52 S BITTNER C?/AU  
L27 2 S L26 AND DARK?

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## WEST Search History





DATE: Thursday, October 14, 2004

| Hide?                    | Set<br>Name  | Query   | Hit<br>Count |
|--------------------------|--|---|--------------|
|                          | <i>DB=PGPB,USPT,EPAB,JPAB,DWPI; PLUR=YES; OP=ADJ</i> |   |              |
| <input type="checkbox"/> | L34  | L33 not l28   | 58           |
| <input type="checkbox"/> | L33  | l3 and L31  | 58           |
| <input type="checkbox"/> | L32  | l3 same L31   | 1            |
| <input type="checkbox"/> | L31  | (vitality or viability or viable) same L30  | 1216         |
| <input type="checkbox"/> | L30  | (cell or cellular) near10 (edge or periph\$7 or tangent\$6)                                       | 74131        |
| <input type="checkbox"/> | L29  | (edge or periph\$6) same L28  | 0            |
| <input type="checkbox"/> | L28  | appear\$6 near10 L27  | 69           |
| <input type="checkbox"/> | L27  | l2 near5 cell   | 8933         |
| <input type="checkbox"/> | L26  | L25 not l21   | 61           |
| <input type="checkbox"/> | L25  | l15 and L23   | 62           |
| <input type="checkbox"/> | L24  | l18 and L23   | 0            |
| <input type="checkbox"/> | L23  | l3 and L22  | 294          |
| <input type="checkbox"/> | L22  | flow cytometry  | 14788        |
| <input type="checkbox"/> | L21  | l1 and L20  | 40           |
| <input type="checkbox"/> | L20  | l3 same situ  | 225          |
| <input type="checkbox"/> | L19  | (vitality or viable or viability) and L18   | 14           |
| <input type="checkbox"/> | L18  | (interior or center) same L17   | 940          |
| <input type="checkbox"/> | L17  | l15 same (edge or periph\$8)  | 7281         |
| <input type="checkbox"/> | L16  | l3 and L15  | 951          |
| <input type="checkbox"/> | L15  | (differ\$6 or compar\$6) near5 (scatter\$5 or reflect\$6 or emit\$6 or emission)                  | 175427       |
| <input type="checkbox"/> | L14  | l12 and L13   | 15           |
| <input type="checkbox"/> | L13  | L11.ab.   | 7701         |
| <input type="checkbox"/> | L12  | l3 and L11  | 538          |
| <input type="checkbox"/> | L11  | (cell or cellular or culture) near10 (vitality or biable or viability or living or alive or dead) | 48972        |
| <input type="checkbox"/> | L10  | l1 same l3  | 13           |
| <input type="checkbox"/> | L9   | l3 and L7   | 6            |
| <input type="checkbox"/> | L8   | (differ\$6 or compar\$7) same L7  | 37           |
| <input type="checkbox"/> | L7   | l2 same (vitality or viable or viability or living or alive or dead)                              | 115          |
| <input type="checkbox"/> | L6   | l2 same (vitality or biable or viability or living or alive or dead)                              | 101          |

|                          |    |   |       |
|--------------------------|----|---|-------|
| <input type="checkbox"/> | L5 | (membrane or edge or periph\$6) and L4              | 56    |
| <input type="checkbox"/> | L4 | l2 and L3   | 80    |
| <input type="checkbox"/> | L3 | dark-field or dark field                            | 5205  |
| <input type="checkbox"/> | L2 | light near10 L1                                     | 11823 |
| <input type="checkbox"/> | L1 | (cell or cellular\$5) near5 (emit\$5 or reflect\$5) | 35057 |

END OF SEARCH HISTORY

## WEST Search History

DATE: Thursday, October 14, 2004

| Hide?  | <u>Set</u><br><u>Name</u> | <u>Query</u>   | <u>Hit</u><br><u>Count</u> |
|--|---------------------------|--|----------------------------|
| <i>DB=PGPB,USPT,EPAB,JPAB,DWPI; PLUR=YES; OP=ADJ</i> |                           |  |                            |
| <input type="checkbox"/>                             | L43                       | l32 and L42  | 2                          |
| <input type="checkbox"/>                             | L42                       | microsc\$8 and L41   | 162                        |
| <input type="checkbox"/>                             | L41                       | viab\$6 and L39  | 162                        |
| <input type="checkbox"/>                             | L40                       | l10 and L39  | 3                          |
| <input type="checkbox"/>                             | L39                       | illuminat\$6 and L38   | 190                        |
| <input type="checkbox"/>                             | L38                       | l24 and L37  | 246                        |
| <input type="checkbox"/>                             | L37                       | l25 and L36  | 288                        |
| <input type="checkbox"/>                             | L36                       | l2 and l14   | 621                        |
| <input type="checkbox"/>                             | L35                       | l2 and l32   | 42                         |
| <input type="checkbox"/>                             | L34                       | l2 and L33   | 4                          |
| <input type="checkbox"/>                             | L33                       | compar\$8 same L32   | 389                        |
| <input type="checkbox"/>                             | L32                       | l24 same l25   | 6237                       |
| <input type="checkbox"/>                             | L31                       | light and L29  | 173                        |
| <input type="checkbox"/>                             | L30                       | l17 and L29  | 0                          |
| <input type="checkbox"/>                             | L29                       | (bioreactor or biomass or cultur\$6) and L28                                   | 186                        |
| <input type="checkbox"/>                             | L28                       | l3 and L27   | 208                        |
| <input type="checkbox"/>                             | L27                       | l2 and L26   | 327                        |
| <input type="checkbox"/>                             | L26                       | l24 and L25  | 22442                      |
| <input type="checkbox"/>                             | L25                       | (cell or cellular) near10 (edge or peripher\$7)                                | 73152                      |
| <input type="checkbox"/>                             | L24                       | (cell or cellular) near10 (center or interior or body)                         | 115855                     |
| <input type="checkbox"/>                             | L23                       | l2 and L22   | 2                          |
| <input type="checkbox"/>                             | L22                       | (edge or peripher\$7) same L20   | 183                        |
| <input type="checkbox"/>                             | L21                       | l2 and L20   | 7                          |
| <input type="checkbox"/>                             | L20                       | light near10 l16   | 1346                       |
| <input type="checkbox"/>                             | L19                       | l2 and L18   | 1                          |
| <input type="checkbox"/>                             | L18                       | (light or em) near10 L17   | 50                         |
| <input type="checkbox"/>                             | L17                       | output near10 L16  | 790                        |
| <input type="checkbox"/>                             | L16                       | (cell or cellular) near10 (center or interior)                                 | 46860                      |
| <input type="checkbox"/>                             | L15                       | l2 same L14  | 24                         |
| <input type="checkbox"/>                             | L14                       | (cultur\$4 or cell or cellular) near10 (alive or living or dead or vitality or | 62415                      |

|                          |  |      |
|--------------------------|--|------|
|                          | viab\$8)   |      |
| <input type="checkbox"/> | L13 edge and L12                                     | 34   |
| <input type="checkbox"/> | L12 l3 and L11                                       | 101  |
| <input type="checkbox"/> | L11 method.ab. and L10                               | 286  |
| <input type="checkbox"/> | L10 l2.ab.   | 1094 |
|                          | <i>DB=USPT; PLUR=YES; OP=ADJ</i>                     |      |
| <input type="checkbox"/> | L9 US-5097135-A.did.                                 | 1    |
|                          | <i>DB=PGPB,USPT,EPAB,JPAB,DWPI; PLUR=YES; OP=ADJ</i> |      |
| <input type="checkbox"/> | L8 l7 and fluorescent light                          | 13   |
| <input type="checkbox"/> | L7 l6 and interference contrast                      | 106  |
| <input type="checkbox"/> | L6 l3 and l2   | 1729 |
| <input type="checkbox"/> | L5 l1 and l2   | 2    |
| <input type="checkbox"/> | L4 l1 and L3   | 0    |
| <input type="checkbox"/> | L3 bright-field or bright field                      | 3543 |
| <input type="checkbox"/> | L2 dark-field or dark field                          | 5205 |
| <input type="checkbox"/> | L1 us-4810487-\$.did.                                | 2    |

END OF SEARCH HISTORY